

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI. WASHINGTON, D. C., SEPTEMBER 4, 1896. No. 36.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

The smallpox epidemic at Key West—Closure of Camp Patterson—No further cases.

CAMP PATTERSON,

Key West, Fla., August 27, 1896.

Dismissed all from camp save 1 patient and 3 attendants. Will close and clean up to-morrow and turn over to State Health Officer Porter on Monday.

J. H. WHITE,

Passed Assistant Surgeon, U. S. M. H. S.

CAMP PATTERSON,

Key West, Fla., August 28, 1896.

* * * All dismissed except 1 attendant to care for property until Monday. * * *

J. H. WHITE,

Passed Assistant Surgeon, U. S. M. H. S.

One case of smallpox at Seattle, Wash.

OLYMPIA, WASH., *August 24, 1896.*

SIR: I have the honor to report a case of smallpox at Seattle, Mary Malinsky, aged 21; source of infection, probably some clothing brought from British Columbia. Measures taken: Isolation of patient, vaccination of exposed persons, and efficient quarantine.

Yours, respectfully,

GEO. S. ARMSTRONG,

Secretary State Board of Health.

Chinese steerage passengers quarantined at San Francisco Quarantine.

ANGEL ISLAND, CAL., *August 14, 1896.*

SIR: I have the honor to report that on August 9 we quarantined 28 Chinese steerage passengers from the steamship *Peru*, and on the

13th 204 Japanese and Chinese from the steamship *Coptic*, in order to disinfect their clothing, baggage, etc. Each lot was detained two days.

The bill of health of the *Peru* recorded 6 cases of plague at Hongkong and some plague at Amoy. Also 85 cases and 35 deaths from variola at Kobe, Japan. The bill of health of the *Coptic* recorded 8 cases of plague at Hongkong, again "some" plague at Amoy, and 88 cases of variola at Kobe, Japan.

Very respectfully,

M. J. ROSENAU,

Passed Assistant Surgeon, U. S. M. H. S.

Arrival of steamship Earnwell at Delaware Breakwater Quarantine with three cases of smallpox.

DELAWARE BREAKWATER QUARANTINE STATION

August 27, 1896.

SIR: I have the honor to confirm my telegrams of this date, relative to the arrival this morning of the steamship *Earnwell*, with 3 cases of smallpox on board. The first mate, Mr. Flowers, has a confluent case in the 14th day of the eruption, and is a very sick man. The other 2 cases are the third mate, Newman, and the steward, Larsen. These two were taken with the disease on August 12, and have had a very light attack, as both had been vaccinated. They are both now convalescent. Larsen had a very light attack of varioloid, while Newman's was more severe, but both are now desquamating, and will soon be well. Everyone else on board is well, and all hands were vaccinated at Colon, and in those cases in which it did not take, the operation was repeated at Port Royal. One of the firemen, who had had the smallpox, was detailed to nurse the cases, and at Port Royal a female nurse was taken on board to assist in nursing, but as she was seasick all the way up she was of no service. I removed the 3 cases, this woman, and the fireman, as they all had been most exposed. I am utilizing the fireman to help nurse the first mate, and hope to also make use of the woman in the same capacity as soon as she recovers from her sea trip. I am treating the first mate in the pesthouse, while the two men, the woman, and Dr. Green will occupy tents in the contagious disease camp. I have detailed one of my marine-hospital nurses to duty with these patients, and have engaged a man as an additional attendant to take his place while so occupied. I will forward his nomination by the next mail, as I am awaiting the arrival of Dr. Green, who comes on the evening train from Philadelphia. I remanded the *Earnwell* to Reedy Island Quarantine for disinfection, and notified Dr. Glennan of the fact by wire. Everything is going on easily, and I do not anticipate any trouble in the care of the cases.

Respectfully, yours,

C. P. WERTENBAKER,

Passed Assistant Surgeon, U. S. M. H. S.

DELAWARE BREAKWATER QUARANTINE STATION,

August 28, 1896.

SIR: I have the honor to inform you that patient G. W. Flowers, first mate of steamship *Earnwell*, who was landed at this station yesterday, suffering with confluent variola in the fourteenth day of the eruption, died last night at 7.30. The other patients are doing well.

Respectfully, yours,

C. P. WERTENBAKER,

Passed Assistant Surgeon, U. S. M. H. S.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to September 3, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Florida:				
Key West.....	June 25-Aug. 3....	42	8	
Pensacola.....	May 20-July 4....	5	2	
	July 11-July 18....	1		
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 18....	83	24	
	July 25-Aug. 22....	7	2	
Shreveport.....	May 16-May 30....	2		
	June 6-June 13....	6		
New York:				
New York.....	May 1-May 31....	1	1	
North Hempstead.....	.....do.....	1		
Ohio:				
Dayton.....	May 28-June 4....	1	1	
	June 18-June 25....	1	1	
	July 2-July 9....	1	1	
Tennessee:				
Memphis.....	May 1-May 30....	10		
Shelby County (not includ- ing Memphis).	May 1-May 31....	8	2	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
Washington:				
Seattle.....	May 23.....	1		Case occurred April 27 now convalescent.
	August 24.....	1		

* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

Report of immigration at Boston for the week ended August 29, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, August 30, 1896.

Number of alien immigrants who arrived at this port during the week ended August 29, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of Im- migrants.
1896			
Aug. 23	Steamship Catalonia.....	Liverpool.....	192
Do.....	Steamship Norwegian.....	Glasgow.....	78
Do.....	Steamship Yarmouth.....	Yarmouth.....	196
Aug. 24	Steamship Halifax.....	Halifax.....	245
Do.....	Steamship Barnstable.....	Port Antonio.....	6
Do.....	Steamship Lancastrian.....	Liverpool.....	2
Aug. 26	Steamship Olivette.....	Halifax.....	123
Do.....	Steamship Georgian.....	London.....	4
Do.....	Steamship Boston.....	Yarmouth.....	77
Aug. 27	Steamship Yarmouth.....	Do.....	182
Do.....	Steamship Ethelred.....	Port Antonio.....	1
Do.....	Steamship S. Dumois.....	Port De Paix.....	3
Aug. 29	Steamship Boston.....	Yarmouth.....	101
Do.....	Steamship Olivette.....	Halifax.....	52
	Total.....		1,262

THOMAS F. DELHANTY,
Commissioner of Immigration.

*Report of immigration at New York for the week ended August 29, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, August 31, 1896.**Number of alien immigrants who arrived at this port during the week ended August 29, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Aug. 23	Steamship Venetia	Stettin	61
Do....	Steamship La Bretagne	Havre	129
Aug. 24	Steamship Spaarndam	Rotterdam	106
Do....	Steamship Bolivia	Naples and Gibraltar	234
Do....	Steamship Coleridge	Rio Janeiro	6
Aug. 25	Steamship Circassia	Glasgow	90
Do....	Steamship New York	Southampton	66
Aug. 26	Steamship Ems	Genoa and Naples	370
Do....	Steamship Aurania	Liverpool and Queenstown	142
Do....	Steamship Noordland	Antwerp	166
Do....	Steamship Lahn	Bremen	152
Aug. 27	Steamship H. H. Meier	do	185
Do....	Steamship Moravia	Hamburg	167
Do....	Steamship Germanic	Liverpool and Queenstown	192
Aug. 28	Steamship Scandia	Hamburg	461
Do....	Steamship Normannia	do	299
Do....	Steamship St. Louis	Southampton	203
Aug. 29	Steamship Etruria	Liverpool and Queenstown	98
Do....	Steamship City of Rome	Glasgow	182
Total.....			3,209

ED. F. MCSWEENEY,
*Acting Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended August 29, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, August 29, 1896.**Number of alien immigrants who arrived at this port during the week ended August 29, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Aug. 23	Steamship Assyrian	Glasgow	1
Aug. 26	Steamship Switzerland	Antwerp	206
Total.....			207

JNO. J. S. RODGERS,
Commissioner of Immigration.

QUARANTINE REPORTS.

National quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Beaufort, N. C.	Aug. 22	Ger. ss. Canadia.	Aug. 28	Vera Cruz	New Port	Disinfected and held.		No transactions	2
Cape Charles, Va.	Aug. 29	Ger. ss. Earnwell	Aug. 27	Santiago	Philadelphia.	Remanded to Reedy Island	Aug. 27	3 cases of smallpox removed.	4
Del. Breakwater, Del.	do.							No transactions.	
Eureka, Cal.	Aug. 19							do.	
Gray's Harbor, Wash.	Aug. 22	Am. bk. Clatide	Aug. 11	Santa Cruz	Mobie.	Disinfected and held.	Aug. 18		
Gulf, Ship Island, Miss.	Aug. 22	Am. ss. B. F. Nealley	Aug. 12	Cardenas	Pasagoula.	do.	Aug. 16		
		Am. ss. Florence and Lillian	Aug. 13	Coatzacoalcas	do.	do.	Aug. 19		
		Nor. bk. Golden Sunset.	Aug. 17	Campeche	Havre	do.		7 cases of beriberi; 1 death from beriberi at station.	
		Am. ss. Vila y Herminios.	Aug. 19	Vera Cruz	Ship Island.	do.			
Nowbern, N. C.	Aug. 29							No transactions.	10
Port Townsend, Wash.	Aug. 22	Ital. bk. Cayor.	Aug. 17	Callao	Gamble.	Disinfected and held.	Aug. 20		
		Br. bk. Nellie Troop.	Aug. 20	Anoy	Townsend.	Disinfected.	Aug. 21		
		Am. ss. Kingston.	Aug. 22	Victoria	Tacoma	4 pieces of Chinese baggage disinfected.	Aug. 22		
Reedy Island, Del.	do.								18
	Aug. 29	Br. ss. Earnwell.	Aug. 28	Santiago	Philadelphia.	Disinfected and held.		3 cases of smallpox landed at Delaware Breakwater Quarantine.	27
San Diego, Cal.	Aug. 22								2
San Francisco, Cal.	Aug. 15							22 Japanese and 182 Chinese steerage removed from steamship Coptic. Baggage disinfected.	
								Remanded from Brunswick.	
South Atlantic, Blackbeard Island, Ga.	Aug. 22	Am. bk. Henry A. Litchfield.	Aug. 3	Colon.	Brunswick.	Disinfected and held.	Aug. 19		
		Nor. bk. Hygdo.	Aug. 6	San Juan.	Wilmington, N. C.	do.	Aug. 17	Remanded from Wilmington.	
		Br. bk. Abyssinia.	Aug. 21	Rio	A waiting orders.	Ballast partially removed.			
		Br. bk. Flynnone.	do.	Buenos Ayres	Savannah	Held for disinfection.		Remanded from Savannah.	
Southport, N. C.	Aug. 29							1 vessel spoken and passed.	

* Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Apalachicola, Fla.....	Aug. 27	Nor. bk. Thorm.....	Aug. 16	Pernambuco Rio.....	Apalachicola.....	Disinfected and held.....	Aug. 26	.....	6
Astoria, Oreg.....	Aug. 22	Nor. bk. B. N. Hansen	Aug. 19	Santos.....	do.....	do.....	Aug. 22	.....	4
Charleston, S. C.....	Aug. 29	Ger. bk. Bowman.....	Aug. 11	do.....	do.....	Disinfected.....	Aug. 27	.....	9
Elizabeth River, Va.....	do.....	Nor. bk. Espeland.....	Aug. 23	La Guayra.....	Charleston.....	Disinfected.....	Aug. 27	.....	4
Fernandina, Fla.....	do.....	Br. sch. Bartholdi.....	Aug. 25	Puerto Rico.....	Orange Bluff.....	Disinfected and held.....	Aug. 29	.....	19
Galveston, Tex.....	Aug. 22	Nor. ss. Gyller.....	Aug. 16	Ponce.....	Galveston.....	do.....	do.....	.....	19
.....	.....	Sp. ss. Javia.....	do.....	Cienfuegos.....	do.....	do.....	do.....	.....	.....
.....	.....	Br. ss. Europa.....	Aug. 21	Colon.....	do.....	do.....	do.....	.....	.....
.....	Aug. 29	Br. ss. Legislator.....	Aug. 22	Cartagena.....	do.....	do.....	Aug. 25	.....	22
.....	.....	Br. ss. Europa.....	Aug. 21	Colon.....	do.....	do.....	Aug. 26	.....	.....
.....	.....	Br. ss. Legislator *.....	Aug. 22	Cartagena.....	do.....	do.....	Aug. 26	.....	.....
.....	.....	Sp. Bend. Martha.....	Aug. 25	Montevideo.....	do.....	do.....	do.....	.....	.....
.....	.....	Am. sch. Maritima.....	do.....	Manzanillo.....	do.....	do.....	do.....	.....	.....
.....	.....	Br. ss. Yucatan.....	Aug. 26	Port Barrios.....	do.....	do.....	do.....	.....	.....
.....	do.....	Br. ss. Avona.....	Aug. 29	Rio.....	do.....	do.....	do.....	No transactions.....	8
Georgetown, S. C.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	.....	11
Key West, Fla.....	Aug. 23	do.....	do.....	do.....	do.....	do.....	do.....	.....	6
Mayport (Jacksonville), Fla.....	Aug. 30	do.....	do.....	do.....	do.....	do.....	do.....	.....	2
New Haven, Conn.....	Aug. 29	do.....	do.....	do.....	do.....	do.....	do.....	.....	133
Newport News, Va.....	do.....	Am. ss. Saratoga.....	Aug. 24	Tampico, Habana.....	New York.....	Vessel disinfected; 47 passengers held for period of incubation.....	Aug. 24	.....	.....
New York, N. Y.....	do.....	do.....	do.....	do.....	do.....	Vessel disinfected; 37 passengers held, etc.....	do.....	.....	.....
.....	do.....	Sp. ss. Panama.....	do.....	Habana.....	do.....	Vessel disinfected; 45 passengers held, etc.....	Aug. 26	.....	.....
.....	do.....	Am. ss. Yucatan.....	Aug. 26	Mexican ports and Habana.....	do.....	do.....	do.....	No transactions.....	6
Providence, R. I.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	.....	16
Sabine Pass, Tex.....	Aug. 22	Br. ss. Robinia.....	Aug. 10	Habana.....	Port Tampa.....	Disinfected and held.....	Aug. 17	.....	.....
Tampa Bay, Fla.....	do.....	Nor. bk. Prince John.....	do.....	Kingston.....	do.....	do.....	Aug. 21	.....	.....
.....	Aug. 29	Br. ss. Jane Kelsall.....	Aug. 20	St. Lucia.....	do.....	do.....	do.....	.....	15
.....	do.....	Br. ss. Jane Kelsall *.....	do.....	do.....	do.....	do.....	Aug. 27	.....	.....

* Previously reported.

Reports of States and yearly and monthly reports of cities.

CONNECTICUT—Bridgeport.—Month of July, 1896. Estimated population, 58,860. Total deaths, 127, including phthisis pulmonalis, 13; diphtheria and croup, 4, and measles, 1.

IOWA—Atlantic.—Month of July, 1896. Estimated population, 4,151. Total deaths, 5, including phthisis pulmonalis, 1, and diphtheria, 2.

Boone.—Month of June, 1896. Estimated population, 8,845. Total deaths, 3, including diphtheria, 1.

Month of July, 1896. Total deaths, 7, including diphtheria, 1.

Cedar Rapids.—Month of June, 1896. Estimated population, 21,555. Total deaths, 13, including 1 from phthisis pulmonalis.

Month of July, 1896. Total deaths, 18, including phthisis pulmonalis, 3.

Clinton.—Month of June, 1896. Estimated population, 25,000. Total deaths, 31, including phthisis pulmonalis, 1.

Month of July, 1896. Total deaths, 39, including phthisis pulmonalis, 4; enteric fever, 2, and diphtheria, 1.

Council Bluffs.—Month of June, 1896. Estimated population, 20,189. Total deaths, 18, including phthisis pulmonalis, 4.

Month of July, 1896. Total deaths, 18, including 1 from enteric fever.

Creston.—Month of June, 1896. Estimated population, 7,306. Total deaths, 7, including 1 from phthisis pulmonalis.

Month of July, 1896. Total deaths, 6. No deaths from contagious diseases.

Davenport.—Month of June, 1896. Estimated population, 31,484. Total deaths, 30, including 1 from phthisis pulmonalis and 1 from whooping cough.

Month of July, 1896. Total deaths, 47, including phthisis pulmonalis, 4; diphtheria, 4, and whooping cough, 2.

Decorah.—Month of June, 1896. Estimated population, 3,200. Two deaths. No deaths from contagious diseases.

Des Moines.—Month of June, 1896. Estimated population, 82,600. Total deaths, 56, including phthisis pulmonalis, 5; enteric fever, 1, and diphtheria, 4.

Month of July, 1896. Total deaths, 58, including phthisis pulmonalis, 4; enteric fever, 1, and measles, 1.

Dubuque.—Month of June, 1896. Estimated population, 40,000. Total deaths, 23, including phthisis pulmonalis, 6, and diphtheria, 1.

Month of July, 1896. Total deaths, 38, including 2 from phthisis pulmonalis.

Eldon.—Month of July, 1896. Estimated population, 1,900. Total deaths, 3. No deaths from contagious diseases.

Fort Dodge.—Month of June, 1896. Estimated population, 8,000. Total deaths, 5, including phthisis pulmonalis, 1, and whooping cough, 1.

Keokuk.—Month of June, 1896. Estimated population, 15,000. Total deaths, 15, including 2 from phthisis pulmonalis.

Oskaloosa.—Month of June, 1896. Estimated population, 8,500. Total deaths, 4. No deaths from contagious diseases.

Month of July, 1896. Total deaths, 5. No deaths from contagious diseases.

Ottumwa.—Month of June, 1896. Estimated population, 17,000. Total deaths, 9. No deaths from contagious diseases.

Month of July, 1896. Total deaths, 21, including 3 from phthisis pulmonalis, and 1 from enteric fever.

MASSACHUSETTS—*Worcester*.—Month of July, 1896. Estimated population, 102,000. Total deaths, 174, including scarlet fever, 2; diphtheria, 2; measles 1, and phthisis pulmonalis, 19.

MICHIGAN.—Week ended August 22, 1896. Reports to the State board of health, Lansing, from 51 observers, indicate that inflammation of kidney and tonsillitis increased in area of prevalence. Phthisis pulmonalis was reported present during the week at 217 places, enteric fever at 51, scarlet fever at 17, diphtheria at 15, measles at 13, and whooping cough at 13 places.

MINNESOTA—*Minneapolis*.—Month of July, 1896. Estimated population, 225,602. Total deaths, 221, including phthisis pulmonalis, 20; enteric fever, 4; diphtheria, 3, and measles, 1.

St. Paul.—Month of July, 1896. Estimated population, 150,000. Total deaths, 262, including phthisis pulmonalis, 22; diphtheria, 9, and measles, 1.

NEW JERSEY—*Hudson County*.—Estimated population, 338,671. Total deaths, 613, including phthisis pulmonalis, 60; enteric fever, 5; scarlet fever, 1; croup, 3; diphtheria, 31, and whooping cough, 13.

NEW YORK—*Buffalo*.—Month of July, 1896. Estimated population, 350,000. Total deaths, 542, including phthisis pulmonalis, 33; enteric fever, 4; diphtheria, 5; measles, 3; croup, 2, and whooping cough, 7.

PENNSYLVANIA—*Pottsville*.—Four weeks ended August 27, 1896. Estimated population, 14,000. Total deaths, 26, including 1 from enteric fever.

TENNESSEE.—Reports to the State board of health from 6 cities and towns having an aggregate population of 239,381 (white, 150,363; colored, 89,018). Total deaths, 444 (white, 215; colored, 229), including phthisis pulmonalis, 79; enteric fever, 13; scarlet fever, 2, and whooping cough, 4.

WISCONSIN—*Manitowoc*.—Month of August, 1896. Estimated population, 9,400. Total deaths not reported. Two deaths from diphtheria and 1 from scarlet fever.

Milwaukee.—Month of July, 1896. Estimated population, 260,000. Total deaths, 416, including phthisis pulmonalis, 28; enteric fever, 3; diphtheria, 9; croup, 3; measles, 1, and whooping cough, 3.

PUBLICATIONS RECEIVED.

Annual Reports, Department of Health of the City of Charleston, S. C. 1895.

Annual Report of the Board of Health of the City of Dayton, Ohio, for the Year ending December 31, 1895.

Report of the State Board of Health of Pennsylvania. 1895.

Bilau de l'exercice 1895-1896. Et Statistique générale de la navigation dans les ports Ottomans, du 1^{er} Mars 1895 au Février 1896.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Plague	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	Aug. 29	105,287	27	1						3			
Ashtabula, Ohio.	do.	8,338	12										
Baltimore, Md.	do.	434,439	203	19						8		3	3
Belleville, Ill.	Aug. 15	15,361	6										
Do.	Aug. 29	15,361	6										
Binghamton, N. Y.	Aug. 27	35,005	4	1									
Boston, Mass.	Aug. 29	448,477	241	30						5		7	1
Brockton, Mass.	Aug. 22	27,294	12										
Brooklyn, N. Y.	Aug. 29	806,343	417	44						5		11	5
Bucyrus, Ohio.	do.	5,974	2										
Butler, Pa.	do.	8,734	1	1									
Cambridge, Mass.	do.	70,028	18	1						1			1
Carlisle, Pa.	Aug. 22	7,620	1										
Charleston, S. C.	do.	*54,955	†27	4						2			
Chicago, Ill.	do.	1,099,850	416	42						14		15	2
Cincinnati, Ohio.	Aug. 28	296,908	91	16						1		2	3
Columbus, Ind.	Aug. 29	6,719	3									2	
Columbus, Ohio.	do.	88,150	27	3									
Council Bluffs, Iowa	Aug. 22	21,474	4										
Dayton, Ohio	Aug. 27	61,220	24	1						3			
Dedham, Mass.	Aug. 22	7,123	3										
Dunkirk, N. Y.	do.	9,416	3										
Emporia, Kans.	do.	7,551	2										
Eric, Pa.	Aug. 29	40,634	15	2									
Everett, Mass.	Aug. 21	11,068	10										
Do.	Aug. 28	11,068	12	4									
Fall River, Mass.	Aug. 29	74,398	50	2						1		2	
Fitchburg, Mass.	do.	22,037	8	1									
Flint, Mich.	Aug. 22	9,803	7	1									
Gloucester, Mass.	Aug. 29	24,151	14										
Grand Rapids, Mich.	Sept. 5	60,278	18	2									
Haverhill, Mass.	Aug. 29	27,412	20	1						1			
Ironton, Mich.	do.	10,939	9									3	
Jacksonville, Fla.	do.	17,291	12	2									
Johnstown, Pa.	Aug. 22	21,405	8							1			
Kalamazoo, Mich.	Aug. 29	17,853	3										
Lowell, Mass.	do.	77,696	47	2						1			
Lynchburg, Va.	do.	19,709	2										
McKeesport, Pa.	Aug. 22	20,741	9										
Manchester, N. H.	do.	44,126	15	2									
Massillon, Ohio.	do.	10,092	2										
Do.	Aug. 29	10,092	5										
Medford, Mass.	do.	11,079	5	1						1			
Melrose, Mass.	Aug. 22	8,519	6	1									
Memphis, Tenn.	Aug. 29	61,495	29	5									1
Middletown, Ohio	Aug. 15	7,681	5							1			
Do.	Aug. 22	7,681	2	1									
Milwaukee, Wis.	Aug. 29	204,468	69	4						1		4	1
Minneapolis, Minn.	Aug. 22	161,738	49	5						1		1	
Do.	Aug. 29	161,738	42	3						3		3	1

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 3; colored, 2 4.

Table of temperature and rainfall, week ended August 31, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	59		1	.77		.77
Portland, Me.....	63		3	.78		.58
Northfield, Vt.....	61		5	.96		.66
Boston, Mass.....	67		1	.86		.76
Vineyard Haven, Mass.....	70		4	1.05		1.05
Nantucket, Mass.....	66		2	.77		.67
Woods Hole, Mass.....	66		0	.88		.88
Block Island, R. I.....	66		0	.77		.67
New Haven, Conn.....	67		1	1.01		.91
Albany, N. Y.....	68		2	.84		.74
New York, N. Y.....	70		2	1.00		.80
Harrisburg, Pa.....	70		2	.98		.98
Philadelphia, Pa.....	71	1		.91		.81
New Brunswick, N. J.....	68		2	1.14		.90
Atlantic City, N. J.....	69		1	1.00		1.00
Baltimore, Md.....	73		3	.91		.91
Washington, D. C.....	72		3	.84		.81
Lynchburg, Va.....	73		3	.89		.89
Cape Henry, Va.....	75		1	1.17		.87
Norfolk, Va.....	74		0	1.28		1.28
Charlotte, N. C.....	75		1	1.09		1.09
Raleigh, N. C.....	74		2	1.49		1.49
Kittyhawk, N. C.....	77		3	1.38		.88
Hatteras, N. C.....	76		0	1.47		.77
Wilmington, N. C.....	76		2	1.61		1.31
Columbia, S. C.....	77		1	1.28		.58
Charleston, S. C.....	78		1	1.64	.66	
Augusta, Ga.....	79		1	1.12	1.48	
Savannah, Ga.....	78		0	1.70	1.00	
Jacksonville, Fla.....	80		2	1.47	1.13	
Jupiter, Fla.....	81		1	1.39		.29
Key West, Fla.....	83		1	1.25		.15
Gulf States:						
Atlanta, Ga.....	74	2		1.05		.85
Tampa, Fla.....	81		1	2.08		.58
Pensacola, Fla.....	80		0	1.66	1.14	
Mobile, Ala.....	79	1		1.48	.22	
Montgomery, Ala.....	78	2		.87	.43	
Meridian, Miss.....	77	1		.84		.34
Vicksburg, Miss.....	79		1	.77		.57
New Orleans, La.....	80	2		1.33		.43
Shreveport, La.....	81		1	.63		.43
Fort Smith, Ark.....	77	1		.84		.74
Little Rock, Ark.....	78		2	.86		.86
Palestine, Tex.....	80		0	.63		.03
Galveston, Tex.....	81	1		1.40		1.40
San Antonio, Tex.....	81	3		.92		.92
Corpus Christi, Tex.....	80		0	.93		.93
Ohio Valley and Tennessee:						
Memphis, Tenn.....	77		1	.79		.59
Nashville, Tenn.....	75		3	.81		.81
Chattanooga, Tenn.....	75	1		.91		.91
Knoxville, Tenn.....	73		1	.80		.80
Louisville, Ky.....	74		2	.73		.73
Indianapolis, Ind.....	70		2	.70		.70
Cincinnati, Ohio.....	73		3	.77		.77
Columbus, Ohio.....	70		2	.70		.60
Parkersburg, W. Va.....	71		5	.84		.64
Pittsburg, Pa.....	71		5	.66		.66
Lake Region:						
Oswego, N. Y.....	65		1	.63		.13
Rochester, N. Y.....	66		2	.66		.16
Buffalo, N. Y.....	66		4	.77	.33	
Erie, Pa.....	67		3	.77		.57
Cleveland, Ohio.....	67		3	.70		.30
Sandusky, Ohio.....	69		3	.70		.70
Toledo, Ohio.....	68		4	.56		.56
Detroit, Mich.....	67		3	.56		.56
Lansing, Mich.....	67		5	.63		.53
Port Huron, Mich.....	64		2	.63		.43

* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended August 31, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Alpena, Mich.....	61		3	.81	2.09	
Sault Ste. Marie, Mich.....	61		3	.77	.43	
Marquette, Mich.....	60	0		.70		.60
Green Bay, Wis.....	65		1	.70		.70
Grand Haven, Mich.....	64		2	.68		.68
Milwaukee, Wis.....	67		1	.63		.63
Chicago, Ill.....	70		4	.63		.63
Duluth, Minn.....	61	1		.83		.83
Upper Mississippi Valley:						
St. Paul, Minn.....	66	0		.70		.50
La Crosse, Wis.....	66		2	.83		.83
Dubuque, Iowa.....	68		2	.75		.75
Davenport, Iowa.....	69		3	.77		.77
Des Moines, Iowa.....	69		1	.70		.70
Keokuk, Iowa.....	71		3	.61		.61
Springfield, Ill.....	71		3	.60		.60
Cairo, Ill.....	75		3	.63		.63
St. Louis, Mo.....	75		3	.77		.77
Missouri Valley:						
Columbia, Mo.....	73		3	.66		.66
Springfield, Mo.....	73		3	.87		.87
Kansas City, Mo.....	73		3	.84		.34
Wichita, Kans.....	76	0		.75		.45
Concordia, Kans.....	72	0		.63		.13
Lincoln, Nebr.....	71		1	.58		.58
Omaha, Nebr.....	70	0		.70		.50
Sioux City, Iowa.....	69		3	.56		.56
Yankton, S. Dak.....	68	0		.70		.70
Valentine, Nebr.....	66	4		.38		.38
Huron, S. Dak.....	65	3		.51		.51
Pierre, S. Dak.....	68	6		.31		.31
Moorhead, Minn.....	62	0		.56		.56
Bismarck, N. Dak.....	63	1		.42		.42
Williston, N. Dak.....	63	0		.28		.28
Rocky Mountain Region:						
Havre, Mont.....	61	7		.28		.28
Helena, Mont.....	63	7		.15		.05
Miles City, Mont.....	68	2		.21		.21
Rapid City, S. Dak.....	67	3		.28		.28
Spokane, Wash.....	64	6		.13	.67	
Walla Walla, Wash.....	71	3		.07	.93	
Baker City, Oreg.....	64	6		.10	.10	
Winnemucca, Nev.....	65	3		.07	.43	
Salt Lake City, Utah.....	71	1		.21		.11
Lander, Wyo.....	64	2		.15	.05	
Cheyenne, Wyo.....	62	2		.30		.00
North Platte, Nebr.....	68	4		.50		.40
Denver, Colo.....	67	3		.29		.19
Pueblo, Colo.....	70	2		.39		.29
Dodge City, Kans.....	73	3		.53		.53
Oklahoma City, Okla.....	78		2	.76	.44	
Amarillo, Tex.....	71	3		.66		.26
Abilene, Tex.....	79	1		.63		.53
Santa Fe, N. Mex.....	65	0		.43		.03
El Paso, Tex.....	78	0		.36		.26
Phoenix, Ariz.....	85	1		.15	.05	
Pacific Coast:						
Tatoosh Island, Wash.....	56	2		.79		.69
Port Angeles, Wash.....	56	2		.17		.17
Fort Canby, Wash.....	59	0		.42		.22
Astoria, Oreg.....	63	0		.40		.20
Portland, Oreg.....	64	0		.21		.01
Roseburg, Oreg.....	65	1		.07	.83	
Eureka, Cal.....	56	4		.07		.53
Red Bluff, Cal.....	78	0		.02	.48	
Carson City, Nev.....	66		2	.07	.73	
Sacramento, Cal.....	72		2	.00	.20	
San Francisco, Cal.....	61		1	.01	.09	
Fresno, Cal.....	79		1	.00	.10	
Los Angeles, Cal.....	72	2		.03		.03
San Diego, Cal.....	69	3		.00	.10	
Yuma, Ariz.....	89		1	.07	.03	

* The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to September 3, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....
Austria-Hungary	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...	.....	1	
	Dec. 29-Apr. 26...	130	115	
	May 1-May 13...	.....	145	
	May 14-May 20...	.....	162	
	May 19-May 28...	.....	202	
	May 29-June 7...	.....	66	
	June 9-June 14...	.....	15	
	June 15-July 20...	.....	80	
Cairo	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 20...	.....	159	
India:				
Bombay.....	Nov. 19-Dec. 24...	.....	15	
	Jan. 14-Feb. 4...	.....	8	
	Feb. 18-Feb. 25...	.....	1	
	Mar. 3-Mar. 31...	.....	18	
	Apr. 2-Apr. 28...	.....	33	
	Apr. 28-June 30...	.....	307	
	July 1-July 28...	.....	64	
Calcutta.....	Nov. 10-Dec. 28...	.....	332	
	Dec. 28-Jan. 4...	.....	41	
	Jan. 4-Jan. 31...	.....	165	
	Feb. 1-Feb. 29...	.....	200	
	Mar. 1-Apr. 25...	.....	1809	
	Apr. 25-May 30...	.....	817	
	May 31-June 27...	.....	167	
	June 27-July 18...	.....	64	
Madras.....	June 6-June 13...	.....	3	
	July 4-July 17...	.....	3	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
Japan:				
Yokohama	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
Chiba Ken	Jan. 6-Jan. 25...	20	13	
	Jan. 24-Feb. 16...	23	16	
	July 2-July 11...	1	.....
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....
	Feb. 12-Feb. 15...	.....	2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	
Fukuoka Ken	Feb. 29	1	.....
	June 8-July 11...	23	.....
	July 13-July 21...	5	.....
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
	June 8-June 17...	1	.....
	July 13-July 21...	1	.....
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3	.....
Saitama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	1	.....
Okayama Ken.....	June 24-July 11...	4	.....
	July 13-July 21...	1	.....

*To date of July 20, 13,343 cases of cholera, with 11,099 deaths, have been reported throughout Egypt, and during the period from July 14 to July 20, 1896, there were 1,540 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Ishikawa Ken.....	June 24-July 3...	2	1	
Kioto Fu.....	June 17-July 3...	2	1	
	July 13-July 21...	1	1	
Hio-go Ken.....	June 17-July 11...	4	1	
Kagawa Ken.....	June 17-July 21...	3	1	
Kanagawa Ken.....	.....do.....	9	4	
Miyagi Ken.....	June 17-July 3...	2	2	
Shidzuoka Ken.....	June 17-July 11...	3	1	
	July 13-July 21...	1	1	
Yamaguchi Ken.....	June 17-July 3...	1	1	
Shimane Ken.....	Apr. 18.....	1	1	
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17...	4	1	
	June 24-July 11...	31	5	
	July 13-July 21...	10	4	
Gumma Ken.....	June 24-July 3...	1	1	
Kochi Ken.....	.....do.....	1	1	
Tochigi Ken.....	June 24-July 11...	2	1	
Wakayama Ken.....	June 24-July 3...	1	1	
	July 13-July 21...	2	1	
Yamaguchi Ken.....	June 24-July 3...	1	1	
Yehime Ken.....	June 8-July 11...	3	1	
	July 13-July 21...	2	1	
Morocco:				
Casa Blanca.....	Jan. 11.....			Cholera reported.
Mazagan.....	.....do.....			Do.
Stellen.....	Dec. 15.....		13	
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
St. Petersburg (government).....	Nov. 17-Dec. 7...	21	11	
	Dec. 8-Dec. 28...	27	8	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	2	
	Feb. 1-Feb. 8...	2	2	
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...		1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brena.....	Jan. 17.....			Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....			Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	

YELLOW FEVER.

Argentine Republic:				
Buenos Ayres.....	Mar. 1-Mar. 31...		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30...		3	
Brazil:				
Ceara.....	Nov. 30.....	1	1	
	Dec. 24-Dec. 31...		4	
	Mar. 1-Mar. 31...		3	
	July 1-July 31...		1	
Rio de Janeiro.....	Nov. 9-Nov. 30...		43	
	Dec. 1-Dec. 28...		136	
	Dec. 28-Jan. 11...		190	
	Jan. 11-Feb. 1...		382	
	Feb. 1-Feb. 8...		111	
	Feb. 8-Feb. 29...		594	
	Mar. 1-Mar. 14...		468	
	Mar. 14-Mar. 28...		459	
	Mar. 28-Apr. 11...		305	
	Apr. 11-June 27...		376	
	June 27-Aug. 1...		21	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco.....	Nov. 1-Nov. 15...	8		
	Apr. 1-Apr. 30...		8	
	May 1-May 31...		2	

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Brazil—Continued.</i>				
Bahia.....	Mar. 31.....			Yellow fever reported.
Sao Paulo.....	do.....			Do.
Araraguara.....	Jan. 1-Jan. 31...	5	3	
Belem.....	Apr. 4.....			Do.
Bicas.....	do.....			Do.
Barrado Pirahy.....	do.....			Do.
Campinas.....	Apr. 7-May 5...	115		Do.
Casa Branca.....	May 5.....			Do.
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy.....	Apr. 11.....			Do.
Iahu.....	Apr. 4-May 5...			Do.
Iaboticabal.....	do.....			Do.
Limeira.....	do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	do.....			Do.
Santos.....	Apr. 4-May 5...			Do.
Parahyba do Sul Valenca.....	do.....			Do.
Rio Claro.....	do.....			Do.
Sorocaba.....	do.....			Do.
Uba.....	Apr. 11.....			Do.
Valenca.....	Apr. 4.....			Do.
Vassouras.....	do.....			Do.
Volta Grande.....	do.....			Do.
<i>Cuba:*</i>				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	do.....			Do.
Camajuaní.....	do.....			Do.
Cardenas.....	June 6-June 27...	13	4	
	June 27-July 25...	39	14	
	July 25-Aug. 15...	63	17	
Cienfuegos.....	Dec. 8-Dec. 22...		2	
	Dec. 29-Jan. 19...		5	
	Feb. 16-Feb. 23...		1	
	Apr. 19-May 3...	1	1	
	May 25.....	1		
	June 1-June 7...	9	2	
	June 14-June 28...		9	
	June 28-July 26...		39	
	July 26-Aug. 23...		39	
Guantanamo.....	July 1-July 31...		13	
Habana.....	Nov. 24-Dec. 19...	40	14	
	Dec. 26-Jan. 2...	7	3	In military hospital
	Jan. 2-Mar. 28...	40	14	
	Apr. 2-Apr. 30...		13	
	May 1-May 28...	53	26	
	May 28-June 18...	59	29	
	June 18-June 25...	20	9	
	June 25-July 9...	105	45	
	July 9-July 23...	115	46	
	July 23-July 30...	90	40	
	July 31-Aug. 6...	120	55	
	Aug. 6-Aug. 20...	303	108	
	Aug. 20-Aug. 27...	200	71	
Manzanillo.....	Mar. 15-Mar. 31...		2	
	July 15-July 31...		8	
Matanzas.....	June 17-June 24...	56	42	
	June 24-July 8...	124	85	
	July 8-July 29...	200	134	
	July 29-Aug. 26...		111	
Placetas.....	Aug. 1.....			Yellow fever reported epidemic.
Remedios.....	do.....			Do.
Santiago.....	Dec. 7-Dec. 21...		29	
	Dec. 21-Dec. 28...		12	
	Dec. 28-Jan. 4...		15	
	Jan. 4-Feb. 15...		47	
	Feb. 22-Feb. 29...		15	
	Mar. 1-Apr. 4...		20	
	Apr. 4-May 30...		22	
	June 1-June 6...		2	
	June 6-June 27...		14	
	June 27-July 4...		7	
	July 4-Aug. 1...		71	
	Aug. 8-Aug. 22...		49	

*Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Sagua la Grande.....	Dec. 1-Dec. 21...	43	3	
	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 15...	8		
	Mar. 13-Mar. 20...	5		
	Apr. 4-Apr. 11...		3	
	May 11-May 18...			Yellow fever reported.
	May 25-June 6...		30	Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18...	124	15	
	July 18-Aug. 8...	265	26	
Yaguajay.....	Aug. 8-Aug. 22...	190	25	
	Aug. 1.....			Yellow fever reported epidemic.
	.....do.....			Do.
Vueltas.....	.....do.....			Do.
Zulueta.....	.....do.....			
<i>Martinique, West Indies:</i>				
Fort de France.....	Aug. 3-Aug. 6...		2	
<i>Mexico:</i>				
Acapulco.....	July 11-July 18...	1		
Tuxpan.....	Jan. 11-Jan. 25...		4	
Vera Cruz.....	May 21-May 28...	5		
	May 28-June 5...			Yellow fever reported.
	July 29.....	3		
	July 30-Aug. 13...	6		
<i>Peru:</i>				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
<i>Puerto Rico:</i>				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	
<i>U. S. of Colombia:</i>				
Panama.....	Aug. 15-Aug. 22...	2	1	

BARBADOS, WEST INDIES.

Relative to health condition in Barbados.

BARBADOS, WEST INDIES, August 7, 1896.

SIR: I have the honor to acknowledge receipt of the Department's circular of June 23, 1896. As no record of deaths, showing causes, is kept in this colony it is impossible to forward the sanitary reports as requested. The health of the place nevertheless is excellent, and the only probability of an epidemic of contagious disease would arise from cases brought here from foreign ports, in which instance I should immediately notify you. I may mention that the quarantine regulations here are exceedingly stringent and are rigidly enforced.

I am, sir, your obedient servant,

GEO. T. TATE,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

BRAZIL.

Sanitary reports from Rio de Janeiro.

RIO DE JANEIRO, July 28, 1896.

SIR: I have the honor to transmit report for the week ended July 25, 1896:

There were 9 deaths from *accessio pernicioso*, an increase of 6; 5 from

yellow fever, an increase of 1; 3 from smallpox, an increase of 1, and 50 from tuberculosis, a decrease of 8. From all causes there were 313 deaths, an increase of 22 over the foregoing week.

The increase in the total number of deaths can be put down to the effect on the air passages by the cold, damp, and changeable weather.

Smallpox.—This disease increased largely in the number of cases. If there is to be another epidemic this year it is to be presumed that it will appear very soon. It is extremely difficult to enforce anything like thoroughly efficient sanitary measures in the "estalagems" or agglomeration of huts for the poorest classes.

Since last report, the following-named ships have been visited or received bills of health from this office: July 21, steamship *Hevelius*, Belgian, for New York, N. Y. July 22, bark *Glenafton*, British, for Tacoma, Wash.; bark *Margery Glen*, British, for New York, N. Y., and bark *Shenir*, British, for New York, N. Y. July 23, steamship *Manitoba*, British, for New York, N. Y., and bark (4 masts) *Port Stanley*, British, for New York, N. Y. July 27, steamship *Nasmyth*, British, for New York, N. Y.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, August 4, 1896.

SIR: I have the honor to transmit the report for the week ended August 1, 1896. There were 5 deaths from *accessio pernicioso*, a decrease of 4; 3 from yellow fever, a decrease of 2; 1 from smallpox, a decrease of 2; none from enteric fever, 6 in the foregoing week; 46 from tuberculosis, a decrease of 4; 3 from beriberi, 1 from diphtheria, and 1 from influenza. From all causes there were 260 deaths, a decrease of 53. On the whole, a good showing for Rio de Janeiro.

Smallpox.—This disease has declined, against the opinions of those most in the case to judge. A telegram states that it is rife in the interior of the State of Pernambuco. It is also prevailing in Campos, in the State of Rio de Janeiro.

Since last report the following named ships were visited or received bills of health from this office:

July 27, steamship *Lord Kelvin*, British, for Pensacola, Fla.; July 28, bark *Amy*, American, for Baltimore, Md.; July 30, steamship *Delcomyn*, British, for New York, N. Y.; July 31, bark *Victoriosa*, Portuguese, for New Orleans, La., and bark *Leonardo*, Italian, for Savannah, Ga.; August 1, bark *Arcelina*, Portuguese, for Savannah, Ga., and steamship *Pascal*, British, for New Orleans, La.; August 3, steamship *Coleridge*, British, for New York, N. Y.; August 4, bark *Fürst Bismarck*, German, for Sandy Hook, N. J.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CUBA.

Yellow fever and smallpox in Cuban seaports.

The United States consul at Cienfuegos reports 10 deaths from yellow fever and 26 deaths from smallpox in Cienfuegos during the week ended August 23.

The United States sanitary inspector at Habana reports that there were 71 deaths in that city from yellow fever during the week ended August 27.

The United States consul at Matanzas reports that during the week ended August 26 there were in Matanzas 22 deaths from yellow fever. He states that yellow fever is confined to the Spanish troops. No cases in the harbor.

The United States consul at Sagua la Grande reports 25 deaths from yellow fever, with 190 cases, during the 2 weeks ended August 22.

SANTIAGO DE CUBA, *August 22, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended August 22. The mortality for this period was 89, of which 20 were from smallpox, 22 from yellow fever, 2 from pernicious fever, 5 from remittent fever, 3 from dysentery, 6 from tuberculosis, and the rest from common diseases of noncontagious character. As you may perceive from this report, smallpox is gradually decreasing, and although there are a good many cases yet, the disease has taken a milder form and deaths from it are not so numerous. Yellow fever, on the other hand, is increasing, and the disease has taken a very malignant type. Colonel Vallerpin, of the engineer corps, died to-day, after an illness of only forty-eight hours, something unusual in yellow fever.

Malaria is prevalent to a great extent, especially the remittent type of the fever. Intestinal affections are common, but dysentery has decreased among the native population. The temperature is excessively high and dry.

HENRY S. CAMINERO,
Sanitary Inspector, U. S. M. H. S.

Yellow fever increasing in Habana.

HABANA, CUBA, *August 28, 1896.*

Yellow fever is badly epidemic at Habana and is increasing among civilians.

D. M. BURGESS,
Sanitary Inspector, U. S. M. H. S.

Mortality report of Manzanillo.

MANZANILLO, CUBA, *August 4, 1896.*

SIR: In reply to the circular of June 23, of your Department, I beg to remark that not only no statistics of diseases are published, but neither are they recorded in any office here since the revolution broke out in this island, and it is, therefore, completely impossible to acquire any information upon this subject.

The only statistics relating to health or sanitary matters is a fortnightly report of deaths published in the local papers, of which I inclose a translation of the report, corresponding to the second fortnight of the month of July last; and as I have no forms for this report I send it in the form as published here.

I am, sir, your obedient servant,

WM. A. STAKEMANN,
Consular Agent.

ACTING SECRETARY OF STATE.

NECROLOGY OF MANZANILLO, CUBA.

Deaths occurring during the second fortnight of the month of July, 1896: In the military hospital, 10; in the municipal hospital, 1; in the city, 34; in the rural district Traquilidad, 1; total, 46, including variola, 5; yellow fever, 8, and typhus fever, 2.

MARTINIQUE, WEST INDIES.

Two cases of yellow fever in Martinique.

ST. PIERRE, MARTINIQUE, August 11, 1896.

SIR: I have the honor to report that a rumor has reached me to the effect that yellow fever existed at Fort-de-France, 20 miles below this point. In order to ascertain the truth I addressed a letter to Governor Noel Pardon, requesting to be furnished with exact information, which he did, under date of August 9, stating that 2 sporadic cases of yellow fever had occurred, and that the patients died on August 3 and 6, respectively. That 2 other suspicious cases existed, but were isolated in the hospital and the patients were expected to recover; that since the 6th of August no new cases had been reported.

I would further respectfully state that the city of St. Pierre is in a healthy state to date.

I have the honor to be, sir, your obedient servant,

JULIUS G. TUCKER,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

TURKEY.

Sanitary report from Constantinople.

[Report No. 157.]

CONSTANTINOPLE, August 12, 1896.

The prevailing diseases in Constantinople at present are strong and infectious diarrheas which are a consequence of the heat. There exists also a large number of scarlet fever cases as well as measles, whooping cough, and typhoid fever. The weather is extraordinarily hot and dry. About 8 or 10 smallpox deaths are registered every week. Smallpox is also raging in the different provinces. Cholera in Egypt does not seem to decrease. In Alexandria, from the 26th of July up to the 1st instant, 13 cholera deaths were registered, and from the 2d up to the 8th instant the number of deaths caused by cholera were 34. In the other parts of Egypt there were 760 cholera deaths from the 25th of July up to the 31st of the same month, and 846 from the 1st up to the 8th instant.

I have the honor to forward a copy of the balance sheet and statistics of the board of health. It will be seen in it the importance of the different marines and their contribution to the trade of Turkey. It will also be seen that after the English marine it is the Greek which has the greatest number of ships and tonnage.

SPIRIDION ZAVITZIANO.

STATISTICAL REPORTS.

CUBA—*Guantanamo*.—Month of July, 1896. Total deaths, 131, including yellow fever, 13, and smallpox, 43.

Habana.—Under date of August 29, 1896, the United States sanitary inspector reports as follows:

There were 280 deaths in this city during the week ended August 27, 1896. Seventy-one of those deaths were caused by yellow fever, with approximately 200 new cases; 17 were caused by smallpox, with 120 new cases approximately; 12 were caused by enteric fever, 12 by so-called pernicious fever, 5 by paludal fever, 1 by diphtheria, 10 by dysentery, 20 by enteritis, 1 by bilious fever, 1 by measles, 9 by pneumonia, and 34 by tuberculosis.

Fifty-one of the 71 deaths by yellow fever during the week occurred in the military hospital, there entering into that institution in that time 122 new cases of that disease.

The remaining 20 deaths were among civilians in the city, with approximately 78 new cases.

Of the 17 deaths from smallpox reported, only 1 occurred in the military hospital, while the remaining 16 were among the poor, with approximately 120 new cases.

FRANCE—*Roubaix*.—Month of July, 1896. Estimated population, 124,000. Total deaths, 210, including enteric fever, 1; diphtheria, 1; measles, 2, and whooping cough, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended August 15 correspond to an annual rate of 19.9 a thousand of the aggregate population, which is estimated at 10,860,971. The highest rate was recorded in Wolverhampton, viz, 27.1, and the lowest in Huddersfield, viz, 13.7 a thousand.

London.—One thousand six hundred and sixty-six deaths were registered during the week, including measles, 45; scarlet fever, 23; diphtheria, 59; whooping cough, 37; enteric fever, 18, and diarrhea and dysentery, 217. The deaths from all causes correspond to an annual rate of 22.6 a thousand. In greater London 2,213 deaths were registered, corresponding to an annual rate of 18.7 a thousand of the population. In the "outer ring" the deaths included 15 from measles, 20 from whooping cough, and 10 from diphtheria.

Ireland.—The average annual death rate represented by the deaths registered during the week ended August 15 in the 16 principal town districts of Ireland was 20.3 a thousand of the population. The lowest rate was recorded in Kilkenny and Lisburn, viz, 0.0, and the highest in Sligo, viz, 30.5 a thousand. In Dublin and suburbs 145 deaths were registered, including typhus fever, 1; whooping cough, 1; scarlet fever, 4, and enteric fever, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended August 15 correspond to an annual rate of 16.1 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 7.0, and the highest in Paisley, viz, 20.7 a thousand. The aggregate number of deaths registered from all causes was 469, including scarlet fever, 3; measles, 20; whooping cough, 11, and diphtheria, 9.

JAMAICA—*Kingston*.—Month of July, 1896. Estimated population, 34,314. Total deaths, 113, including phthisis pulmonalis, 11, and measles, 4.

WEST INDIES—*St. Thomas*.—Three months ended June 30, 1896. Estimated population, 12,019. Total deaths, 93, including phthisis pulmonalis, 15.

SWITZERLAND—*Lucerne*.—Month of July, 1896. Estimated population, 23,000. Total deaths, 31, including 2 from enteric fever.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aix la Chapelle.....	Aug. 8....	111,332	52								
Alexandria.....	June 17....	231,396	207	16		3					1
Amherstburg.....	Aug. 22....	2,300	9								1
Amsterdam.....	Aug. 15....	488,853	169					1	1	7	2
Belfast.....	.....do.....	277,354	120					5	3	1	1
Belize.....	Aug. 21....	13,000	3								6
Birmingham.....	Aug. 15....	501,241	233					3	4	7	4
Bluefields.....	.....do.....	3,000	3								4
Bologna.....	Aug. 8....	147,692	75					3			
Do.....	Aug. 15....	147,692	74					4			
Bombay.....	July 23....	821,764	599	17		4		2			3
Bradford.....	Aug. 15....	221,610	59					1	1		2
Bremen.....	Aug. 8....	142,000	49								4
Bristol.....	Aug. 15....	230,623	71								1
Brussels.....	Aug. 8....	507,985	184					3			2
Budapest.....	Aug. 12....	600,000								8	2
Cairo.....	June 17....	374,838	575	91		6		2	2	2	2
Calcutta.....	July 18....	681,560	352	10		14				24	2
Callao.....	Aug. 2....	20,000	35								1
Cape Town.....	July 24....	59,000	34								
Cardiff.....	Aug. 15....	162,590	58							3	
Catania.....	Aug. 11....	120,000	72					6	1	1	3
Do.....	Aug. 18....	120,000	55								
Chatham.....	Aug. 22....	9,052	3					1			
Christiania.....	Aug. 15....	182,856	75								3
Cienfuegos.....	Aug. 23....	24,030	63								
Cognac.....	Aug. 15....	21,000	10		10	26					
Cologne.....	Aug. 8....	326,671	192					1			
Colombo.....	July 18....	130,000	75					9		3	2
Do.....	July 25....	130,000	69					5			
Copenhagen.....	Aug. 1....	333,714	92								
Do.....	Aug. 8....	333,714	106					1	1	1	3
Demerara.....	July 4....	53,176	57								1
Do.....	July 11....	53,176	46								
Do.....	July 18....	53,176	43								
Do.....	July 25....	53,176	41								
Do.....	Aug. 1....	53,176	58					1			
Dublin.....	Aug. 15....	350,000	145						2		
Dundee.....	.....do.....	161,620	45							3	2
Dusseldorf.....	Aug. 8....	180,825	91								
Edinburgh.....	Aug. 15....	276,514	86					1	1	2	1
Flushing.....	.....do.....	16,300	7								
Frankfort on the Main.....	.....do.....	233,000	68								2
Gibraltar.....	Aug. 9....	25,800	6					1			
Girgenti.....	Aug. 8....	24,428	14								
Do.....	Aug. 15....	24,428	8					1			
Glasgow.....	.....do.....	705,052	234						1	2	17
Gothenburg.....	Aug. 8....	114,000	36								8
Guadaloupe.....	Aug. 7....	18,500	8								
Halifax.....	Aug. 22....	38,700	32								
Hamburg.....	Aug. 8....	625,532	217								6
Do.....	Aug. 15....	625,532	217								4
Hanover.....	July 18....	526,212	67					2	1	2	
Do.....	July 25....	526,212	117								
Do.....	Aug. 1....	526,212	107					1			
Do.....	Aug. 8....	526,212	97								
Honolulu.....	July 25....	28,000	6								
Do.....	Aug. 1....	28,000	4								
Do.....	Aug. 8....	28,000	10								1
Iquique.....	July 25....	33,106	17								
Do.....	Aug. 1....	33,106	43								
Kingston, Canada.....	Aug. 21....	17,955	6								
Do.....	Aug. 28....	17,955	7								
Konigsberg.....	Aug. 15....	171,700							1	2	
Leeds.....	.....do.....	395,546	168					2	1	2	
Leghorn.....	.....do.....	103,507	32					2		1	2
Leith.....	.....do.....	74,110	10								
Licata.....	Aug. 8....	20,000	19			3	4	2			
Do.....	Aug. 15....	20,000	22			3	1	5			
Liege.....	.....do.....	160,848	52								
Liverpool.....	.....do.....	641,063	253				2	2	1	2	1
London, Canada.....	Aug. 22....	34,429	4								5
London, England.....	Aug. 15....	6,178,376	2,213					20	23	69	57
Lyons.....	Aug. 8....	500,000	141								3
Madras.....	July 24....	452,518	270			2					6

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Madrid	Aug. 11	482,816	343		28		14			1	7
Magdeburg	July 11	214,028	89					1	2	5	4
Do.	July 18	214,028	117					6		12	12
Manchester	Aug. 15	531,697	232				1	1			5
Mannheim	Aug. 8	91,116	38							1	1
Maracaibo	Aug. 15	50,000	16								
Matamoras	Aug. 21	8,000	4								
Matanzas	Aug. 19	55,000	83	29			17				
Mayence	Aug. 15	74,917	37							1	3
Messina	do	107,000	27				3				
Munich	Aug. 1	406,000	183				1			1	3
Naples	Aug. 8	570,000	334		5						
Do.	Aug. 15	570,000	223		3		4				
Newcastle on Tyne	do	212,223	68								2
Nuremberg	Aug. 1	165,283	72								1
Odessa	Aug. 8	353,000	232		2			9		2	2
Osaka and Hiogo	July 18	161,120	*122		13		1				
Do.	July 25	161,120	†125		12		2				
Palermo	Aug. 8	273,000	143							3	
Do.	Aug. 15	273,000	140					1			
Panama	Aug. 22	35,000			1						
Paris	Aug. 8	2,511,955	907		1		10	1	8	7	8
Do.	Aug. 15	2,511,955	821				11	5	7	8	6
Paso del Norte	Aug. 22	6,500	3							1	4
Pernambuco	July 11	200,000	173		29						5
Do.	July 18	200,000	173		29						1
Plymouth	Aug. 15	89,686	26								
Prague	Aug. 7	198,017					4		2	1	
Puerto Cortez	Aug. 19	1,856	0								
Quebec	Aug. 22	70,000					1		2		
Rheims	Aug. 15	108,943	39								
Rio de Janeiro	July 25	650,000	313		5	3	6				
Do.	Aug. 1	650,000	260		3	1			1		
Rome	Aug. 12	473,638	181				2		1	5	
Rotterdam	Aug. 15	280,939	95						1	2	
Sagua la Grande	do	17,536	30		11						
St. Petersburg	Aug. 8	1,013,000	674		1	3	21	14	14	11	4
St. Stephen	Aug. 22	3,000	1								
St. Thomas	July 17	12,019	14								
Do.	July 24	12,019	5								
Do.	July 31	12,019	3								
Do.	Aug. 7	12,019	9								
San Juan del Norte	Aug. 15	1,280	0								
San Pedro	do	3,800	2								
Schiedam	do	26,233	14							4	
Sheffield	do	349,057	148				7	5		6	2
Sonneberg	Aug. 1	12,250	3						1		
South Shields	Aug. 15	92,773	34					1		2	
Stettin	Aug. 7	140,000	92						1		
Stockholm	Aug. 8	267,100	103					1		2	5
Do.	Aug. 15	267,100	85								
Stuttgart	Aug. 13	158,378	51							1	1
Trapani	Aug. 8	43,065	13								
Do.	Aug. 15	43,065	10								
Trieste	Aug. 8	158,314	105				1	3	8	2	
Tuxpan	do	10,280	5		1						
Venice	do	161,401	65								
Vera Cruz	Aug. 20	27,065	34				1				
Warsaw	Aug. 1	553,643	406		2	3	1	12	4	11	9
Do.	Aug. 8	553,643	356		5	3	15	2	15	5	5
Zurich	do	148,000	50			1					7

* Seventy-seven cases and 15 deaths from relapsing fever.

† Thirty-six cases and 13 deaths from relapsing fever.

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.

